

Abstract of the Disclosure

A high performance accelerator circuit for streamed and not-streamed vector graphics applications and multimedia contents, which provides increased 5 performance for vector graphics applications and multimedia contents over current computer and handheld architectures. The Vector Graphics Unit circuit includes means for fast drawing of quadratic and cubic Bézier curves (i.e. fonts, curved object etc...), 10 hardware compositing of solid and transparent objects and fast antialiasing hardware unit. The Vector Graphics Unit is particularly suitable for commercial appliances having high quality graphics and low power consumption features.

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